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enhanced  
NEWS 4 APR 02 DWPI: New display format ALLSTR available  
NEWS 5 APR 02 New Thesaurus Added to Derwent Databases for Smooth  
Sailing through U.S. Patent Codes  
NEWS 6 APR 02 EMBASE Adds Unique Records from MEDLINE, Expanding  
Coverage back to 1948  
NEWS 7 APR 07 CA/CAPLUS CLASS Display Streamlined with Removal of  
Pre-IPC 8 Data Fields  
NEWS 8 APR 07 50,000 World Traditional Medicine (WTM) Patents Now  
Available in CAPLUS  
NEWS 9 APR 07 MEDLINE Coverage Is Extended Back to 1947  
NEWS 10 JUN 16 WPI First View (File WPIFV) will no longer be  
available after July 30, 2010  
NEWS 11 JUN 18 DWPI: New coverage - French Granted Patents  
NEWS 12 JUN 18 CAS and FIZ Karlsruhe announce plans for a new  
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NEWS 13 JUN 18 IPC codes have been added to the INSPEC backfile  
(1969-2009)  
NEWS 14 JUN 21 Removal of Pre-IPC 8 data fields streamline displays  
in CA/CAPLUS, CASREACT, and MARPAT  
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EMBASE Classic on STN  
NEWS 16 JUN 28 Introducing "CAS Chemistry Research Report": 40 Years  
of Biofuel Research Reveal China Now Atop U.S. in  
Patenting and Commercialization of Bioethanol  
NEWS 17 JUN 29 Enhanced Batch Search Options in DGENE, USGENE,  
and PCTGEN  
NEWS 18 JUL 19 Enhancement of citation information in INPADOC  
databases provides new, more efficient competitor  
analyses  
NEWS 19 JUL 26 CAS coverage of global patent authorities has  
expanded to 61 with the addition of Costa Rica  
NEWS 20 SEP 09 New basic patent number increases precision in  
retrieving records from USGENE

NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2,

AND CURRENT DISCOVER FILE IS DATED 07 JULY 2010.

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FILE 'HOME' ENTERED AT 09:26:33 ON 10 SEP 2010

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	ENTRY	SESSION
FULL ESTIMATED COST	0.22	0.22

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STRUCTURE FILE UPDATES: 9 SEP 2010 HIGHEST RN 1240463-09-5  
DICTIONARY FILE UPDATES: 9 SEP 2010 HIGHEST RN 1240463-09-5

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<http://www.cas.org/support/stngen/stndoc/properties.html>

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=> e 2,2-bishydroxymethyl-1,3-propanediol/cn
E1      1      2,2-BISFERROCENYLHEPTANE/CN
E2      1      2,2-BISHYDROXYBUTYL TRIS (3-(1-AZIRIDINYL)PROPIONATE)/CN
E3      0 --> 2,2-BISHYDROXYMETHYL-1,3-PROPANEDIOL/CN
E4      1      2,2-BISINDENYLMETHANE/CN
E5      1      2,2-BISNAPHTH (2,1-D) OXAZOLYL/CN
E6      1      2,2-BISPHTHALIC ACID HEXAFLUOROISOPROPYLIDENE DIANHYDRIDE-4,
              4'-DIAMINO-3,3',5,5'-TETRAISOPROPYLDIPHENYLMETHANE COPOLYMER
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/CN  
 E7 1 2,2-BUTANE-1-4C-DIOL, MONO(HYDROGEN SULFITE), MONOSODIUM SA  
 LT/CN  
 E8 1 2,2-BUTANEDIAMINE, 3,4-DIBROMO-N,N,N',N'-TETRAFLUORO-/CN  
 E9 1 2,2-BUTANEDIAMINE, 4-CHLORO-N,N,N',N'-TETRAFLUORO-/CN  
 E10 1 2,2-BUTANEDIAMINE, N'-(1-(DIETHYLAMINO)-1-METHYLPROPYL)-N,N-  
 DIETHYL-/CN  
 E11 1 2,2-BUTANEDIAMINE, N,N'-DIBUTYL-4-(2,2,6-TRIMETHYLCYCLOHEXYL  
 )-/CN  
 E12 1 2,2-BUTANEDIAMINE, N,N'-DIETHYL-4-(2,2,6-TRIMETHYLCYCLOHEXYL  
 )-/CN

=> e pentaerythritol/cn

E1 1 PENTAERYTHRITHIOL/CN  
 E2 1 PENTAERYTHRITHOL TETRAKIS(3-MERCAPTOPROPIONATE)-TRIALLYL ISO  
 CYANURATE-TRIMETHYLOLPROPANE TRIACRYLATE COPOLYMER/CN  
 E3 1 --> PENTAERYTHRITOL/CN  
 E4 1 PENTAERYTHRITOL A-NAPHTHOATE/CN  
 E5 1 PENTAERYTHRITOL B-MERCAPTOPROPIONATE/CN  
 E6 1 PENTAERYTHRITOL 1,10-DECANEDICARBOXYLIC ACID ESTER/CN  
 E7 1 PENTAERYTHRITOL 1,11-UNDECANEDICARBOXYLIC ACID ESTER/CN  
 E8 1 PENTAERYTHRITOL 1,12-DODECANEDICARBOXYLIC ACID ESTER/CN  
 E9 1 PENTAERYTHRITOL 1,20-EICOSANE DICARBOXYLIC ACID ESTER/CN  
 E10 1 PENTAERYTHRITOL 1,9-NONANEDICARBOXYLIC ACID ESTER/CN  
 E11 1 PENTAERYTHRITOL 2,2'-BIPHENYLDICARBOXYLIC ACID ESTER/CN  
 E12 1 PENTAERYTHRITOL 2-ETHYLHEXANOATE/CN

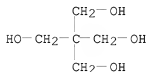
=> s e3

L1 1 PENTAERYTHRITOL/CN

=> d l1

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2010 ACS on STN  
 RN 115-77-5 REGISTRY  
 ED Entered STN: 16 Nov 1984  
 CN 1,3-Propanediol, 2,2-bis(hydroxymethyl)- (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Pentaerythritol (8CI)  
 OTHER NAMES:  
 CN 1,1,1-Tris(hydroxymethyl)ethanol  
 CN 2,2-Bis(hydroxymethyl)-1,3-propanediol  
 CN Auxinutril  
 CN Charmor PM 15  
 CN Charmor PM 40  
 CN Flammex DPE  
 CN Hercules P 6  
 CN Maxinutril  
 CN Metab-Auxil  
 CN Monopentaerythritol  
 CN Monopentek  
 CN Neulizer P  
 CN NSC 8100  
 CN PE 200  
 CN PE 200 (diol)  
 CN Penetek  
 CN Pentarit  
 CN Pentarit S

CN Pentek  
 CN PET 020  
 CN Tetra(hydroxymethyl)methane  
 CN Tetrakis(hydroxymethyl)methane  
 CN Tetramethylolmethane  
 CN THME  
 DR 75398-86-6, 88201-29-0  
 MF C5 H12 O4  
 CI COM  
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOSIS,  
 BIOTECHNO, CA, CAPLUS, CASREACT, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN,  
 CSCHEM, CSNB, DDFU, DETHERM\*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2,  
 ENCOMPAT, ENCOMPAT2, GMELIN\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, MEDLINE,  
 MRCK\*, MSDS-OHS, PIRA, PROMT, PS, RTECS\*, SPECINFO, SYNTHLINE,  
 TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL, USPATOLD  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

13175 REFERENCES IN FILE CA (1907 TO DATE)  
 5130 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 13220 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus  
 COST IN U.S. DOLLARS  
 FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
9.07	9.29

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FILE LAST UPDATED: 9 Sep 2010 (20100909/ED)  
 REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2010  
 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2010

CAPLUS now includes complete International Patent Classification (IPC)  
 reclassification data for the third quarter of 2010.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate  
 substance identification.

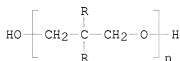
```
=> s l1 (L) (partial (2a) ester)
      13220 L1
      464216 PARTIAL
      1098 PARTIALS
      464884 PARTIAL
          (PARTIAL OR PARTIALS)
      668945 ESTER
      493609 ESTERS
      932156 ESTER
          (ESTER OR ESTERS)
L2      20 L1 (L) (PARTIAL (2A) ESTER)
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=> d l2 1-10 ibib abs
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L2 ANSWER 1 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2010:911220 CAPLUS
DOCUMENT NUMBER: 153:236928
TITLE: Carbon dioxide-based working fluids for refrigeration
and air conditioning systems
INVENTOR(S): Kelley, Richard; Carr, Dale; Hutter, Jeffrey; Hessel,
Edward
PATENT ASSIGNEE(S): Chemtura Corporation, USA
SOURCE: PCT Int. Appl., 31pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:
```

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2010083100	A1	20100722	WO 2010-US20453	20100108
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG,			

ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 US 20100181523 A1 20100722 US 2010-684315 20100108  
 PRIORITY APPLN. INFO.: US 2009-145290P P 20090116  
 ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
 GI



AB A working fluid comprising (a) a refrigerant comprising carbon dioxide and (b) a poly(neopentylpolyol) ester composition produced by reacting a neopentylpolyol (I): wherein each R is independently selected from the group consisting of Me, Et and CH<sub>2</sub>OH and n is a number from 1 to 4, with at least one monocarboxylic acid having 2 to 15 carbon atoms in the presence of an acid catalyst and at a mole ratio of carboxyl groups to hydroxyl groups of <1: 1 to form a partially esterified composition. The partially esterified poly(neopentyl)polyol composition is then reacted with addnl. monocarboxylic acid having 2 to 15 carbon atoms to form a final poly(neopentylpolyol)ester composition.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 2 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2008:733515 CAPLUS  
 DOCUMENT NUMBER: 149:35044  
 TITLE: Worm gear oil composition and worm gear unit  
 INVENTOR(S): Endo, Chisato  
 PATENT ASSIGNEE(S): Idemitsu Kosan Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 14pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2008138189	A	20080619	JP 2007-289018	20071106
PRIORITY APPLN. INFO.:			JP 2006-300198	A 20061106

AB The oil composition for a worm gear unit consisting of a high-strength brass and q steel worm contains 60-94 weight% base oils of polyolefin base oils, mineral oils, and/or alkyl-substituted aromatic base oils and 6-40 weight% partial esters of C6-30 fatty acids and aliphatic polyhydric alcs. The unit operated by using the oil composition is also claimed. The oil composition shows excellent transmission efficiency and does not give bad effect on rubbers and coatings used with oil seals.

L2 ANSWER 3 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2008:125557 CAPLUS

DOCUMENT NUMBER: 148:174961  
 TITLE: Mixture of partial esters of monopentaerythritol, dipentaerythritol and tripentaerythritol, process for obtaining same and cosmetic product containing them  
 INVENTOR(S): Halbeisen, Laetitia; Loubat-Bouleuc, Nathalie; Merlaud, Fabien; Pierre, Ronan  
 PATENT ASSIGNEE(S): Stearinerie Dubois Fils, Fr.  
 SOURCE: PCT Int. Appl., 16pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008012442	A2	20080131	WO 2007-FR1290	20070726
WO 2008012442	A3	20080313		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW  
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA

FR 2904217	A1	20080201	FR 2006-6958	20060728
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PRIORITY APPLN. INFO.: FR 2006-6958 A 20060728

AB Mixture of partial esters of monopentaerythritol, dipentaerythritol and tripentaerythritol, containing dipentaerythrityl pentaiononanoate are claimed for use in the cosmetics. It is obtained by esterifying dipentaerythritol with an organic acid containing from 7 to 13 carbon atoms, such as a branched organic acid containing 9 carbon atoms. Use of these esters in the manufacture of cosmetic products are disclosed. A lipstick contained dipentaerythrityl pentaiononanoate 89.200, candelilla wax 2.000, carnauba wax 1.500, pentaerythrityl tetrabenenate 4.000, tocopheryl acetate 1.000, propylparaben 0.100, dyes 0.500, mica and titanium dioxide 1.500, and fragrance 0.200%.

L2 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2007:169549 CAPLUS

DOCUMENT NUMBER: 146:209394

TITLE: Rust-preventive oil compositions containing polyhydric alcohol partial esters

INVENTOR(S): Motoyama, Tadaaki; Shibata, Junichi; Matsuzaki, Yukio; Irisawa, Junichi

PATENT ASSIGNEE(S): Nippon Oil Corporation, Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 30pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

## PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2007039760	A	20070215	JP 2005-226840	20050804
PRIORITY APPLN. INFO.:			JP 2005-226840	20050804

AB The compns. contain base oils of mineral oils and/or synthetic oils and partial esters of polyhydric alcs. with carboxylic acids, wherein the esters satisfy hydroxycarboxylic acid content in the acids 5-80 weight% and (1) unsatd. carboxylic acid content in the acids 5-95 weight% or (2) I value 5-75. Alternatively, the compns. contain the above base oils, primary partial esters of polyhydric alcs. with lanolin fatty acids, and secondary partial esters of polyhydric alcs. with OH-free carboxylic acids, wherein ratio of the primary esters in total of the primary esters and the secondary esters is 20-95 weight%. The compns. show both rust prevention and storage stability in high level by the esters.

L2 ANSWER 5 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2004:291006 CAPLUS  
 DOCUMENT NUMBER: 140:304657  
 TITLE: Preparation of esters and partial esters of polyhydric alcohols and their use as plasticizers  
 INVENTOR(S): Heinrichs, Franz-Leo  
 PATENT ASSIGNEE(S): Clariant G.m.b.H., Germany  
 SOURCE: Ger. Offen., 8 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10245623	A1	20040408	DE 2002-10245623	20020930
WO 2004031121	A1	20040415	WO 2003-EP10502	20030922
W: CN, JP, US				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
EP 1549608	A1	20050706	EP 2003-748071	20030922
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, SK				
JP 2006501337	T	20060112	JP 2004-540666	20030922
US 20060094805	A1	20060504	US 2005-529827	20050330
PRIORITY APPLN. INFO.:			DE 2002-10245623	A 20020930
			WO 2003-EP10502	W 20030922

## ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB The invention concerns esters and partial esters from polyhydric alcs. (component A) and carbonic acids which products contain at least one carbonic acid group and/or a remainder of a carbonic acid mixture with 24 to 34 carbon atoms (component B) and at least a carbonic acid group and/or a remainder of a carbonic acid mixture with 8 to 22 carbon atoms (component C). These compns. are useful as plasticizers for thermoplastics.

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

L2 ANSWER 6 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2003:733062 CAPLUS



DOCUMENT NUMBER: 139:247817  
 TITLE: Carboxylic anhydride-polyol ester-amide reaction products as lubricating oil dispersants, especially for synthetic ester-based oils  
 INVENTOR(S): Bessonette, Paul W.; Godici, Patrick E.; Fyfe, Kim E.; Kim, Jeenok T.  
 PATENT ASSIGNEE(S): BP Corporation North America, Inc., USA  
 SOURCE: Eur. Pat. Appl., 29 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1344769	A1	20030917	EP 2003-251548	20030313
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
US 20030228986	A1	20031211	US 2003-370427	20030220
US 6844299	B2	20050118		
CA 2419995	A1	20030913	CA 2003-2419995	20030226
JP 2003268395	A	20030925	JP 2003-68461	20030313
PRIORITY APPLN. INFO.:			US 2002-364190P	P 20020313
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT				
OTHER SOURCE(S): MARPAT 139:247817				

AB Lubricating oil dispersants, especially compatible with synthetic ester-based turbine oils, are prepared as reaction products of: (1) one or more carboxylic acids, (2) a polyhydric alc. or partially esterified polyhydric alc., (3) an amine carrier, especially a dicarboxylic acid or a cyclic acid anhydride, and (4) a polyamine containing up to 10 nitrogen atoms, in which the final product contains at least one ester function and at least one amide function. The polyhydric alcs. or partially esterified polyols have the general structure (R<sub>1</sub>)<sub>x</sub>(R<sub>2</sub>)<sub>y</sub>C(CH<sub>2</sub>OH)<sub>n</sub>, in which x and y = 0 or 1; n = 2, 3, or 4; R<sub>1</sub> and R<sub>2</sub> are C<sub>1</sub>-50-hydrocarbyl, such that when n = 3, R<sub>2</sub> is not present, and when n = 4, R<sub>1</sub> is not present. The hydrocarbon acid makes up the non-polar hydrocarbon portion of the dispersant and the polyamine functions as the polar headgroup. The diacid or cyclic anhydride provides a means for attaching the polar polyamine to the dispersant structure through an amide linkage. The final compound has a general structure Ra(C=O)-O-CH<sub>2</sub>-C(Rb)(Rc)-CH<sub>2</sub>-O-C(=O)-X-C(=O)-Y, in which Ra, Rb, and Rc are C<sub>1</sub>-50-hydrocarbyl or substituted hydrocarbyl, X = C<sub>1</sub>-16-hydrocarbyl, and Y is an amine group with ≤10 nitrogen atoms. When the polyhydric alc. is pentaerythritol and the amine carrier is succinic anhydride, X = -CH<sub>2</sub>CH<sub>2</sub>- and Rb and Rc are -CH<sub>2</sub>-O-C(=O)-Rb and -CH<sub>2</sub>-O-C(=O)-Rc.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2002:814584 CAPLUS  
 DOCUMENT NUMBER: 137:312327  
 TITLE: Aqueous composition of alkali metal salts of partial alkyl esters of phosphoric acid, method for stabilization, and a fiber finish  
 INVENTOR(S): Minami, Hajimu; Watanabe, Jun; Nakamura, Yoshishige  
 PATENT ASSIGNEE(S): Matsumoto Yushi-Seiyaku Co., Ltd., Japan

SOURCE: U.S. Pat. Appl. Publ., 8 pp., Cont.-in-part of U.S.  
Ser. No. 49,062, abandoned.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20020153504	A1	20021024	US 2002-105388	20020326
US 6841086	B2	20050111		

PRIORITY APPLN. INFO.: JP 2000-210567 A 20000607  
US 2002-49062 B2 20020207

AB An aqueous solution of an alkali metal salt of partial alkyl esters of H3PO4 is stabilized by adding 1-10% C3-12 polyhydric alc. having  $\geq 3$  hydroxyl groups to an alkali metal salt of partial alkyl esters of H3PO4 having linear- or branched-chain alkyl groups of 16-22 C atoms, 0.6-1.0 degree of phosphorylation and 60-100% neutralization degree, and providing a fiber finish containing the stabilized aqueous solution as a major component.

## Polyester

yarn (spinning), finished with potassium stearyl phosphate stabilized with 2% glycerin, showed draft force of sliver 79.8 g/g and roll wrap frequency (30%, relative humidity 65%) in ring spinning 100; vs. 82.2 and 103, resp., without stabilizer additive.

L2 ANSWER 8 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN  
ACCESSION NUMBER: 2002:555312 CAPLUS  
DOCUMENT NUMBER: 137:114238  
TITLE: Pearlescent agents for cosmetic preparations  
INVENTOR(S): Niesendick, Claus; Koester, Josef  
PATENT ASSIGNEE(S): Cognis Deutschland G.m.b.H., Germany  
SOURCE: PCT Int. Appl., 29 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002056839	A2	20020725	WO 2002-EP125	20020109
WO 2002056839	A3	20031002		
W: BR, JP, KR, US RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
DE 10102005	A1	20020725	DE 2001-10102005	20010118
EP 1367981	A2	20031210	EP 2002-708264	20020109
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
JP 2004523519	T	20040805	JP 2002-557349	20020109
US 20040086470	A1	20040506	US 2003-250813	20031223

PRIORITY APPLN. INFO.: DE 2001-10102005 A 20010118  
WO 2002-EP125 W 20020109

AB The invention relates to a pearlescent agent, containing the following (in relation to the total composition): (a) between 30 and 60 weight % of waxes, which

in relation to the total wax concentration have an amorphous portion of at least 15 weight % and a maximum crystalline portion of 85 weight %, with the proviso that the

sum of the amorphous and crystalline portions amts. to 100 weight %, (b) between 5

and 25 weight % of amphoteric and/or non-ionic surfactants, with the proviso that the indicated quantities add up to 100 weight %, optionally by adding water. Thus a pearlescent concentrate was prepared from a composition of (weight/weight%):

glycol distearate 40; cocoamidopropylbetaine 6; laureth-4 8; laureth-10 2; water to 100. The mixture was heated to 70-90°C and the emulsion/dispersion was cooled to room temperature while stirring. The pearlescent product was composed of 83 weight/weight% crystals and 17 weight/weight%

amorphous part. The pearlescent concentrate was used as a 1.75 weight/weight% ingredient in a preparation that further contained (weight/weight%): Texapon NSO 20;

Plantacare 818 5.0; Dehyton PK 4520; Cetiol HE 0.5; Nutrilan 1 1.0; dimethicone 0.7; Arlypon F 1.6; sodium chloride 0.5. The preparation was stable (no phase separation) for 6 wk.

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 9 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2001:904187 CAPLUS

DOCUMENT NUMBER: 136:38801

TITLE: Aqueous compositions containing alkali metal salts of partial alkyl esters of phosphoric acid, method for stabilization and textile oils using them

INVENTOR(S): Minami, Hajimu; Watanabe, Jun; Nakamura, Yoshishige

PATENT ASSIGNEE(S): Matsumoto Yushi-Seiyaku Co., Ltd., Japan

SOURCE: PCT Int. Appl., 19 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001094356	A1	20011213	WO 2001-JP4740	20010605
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 2001062695	A5	20011217	AU 2001-62695	20010605
PRIORITY APPLN. INFO.:			JP 2000-210567	A 20000607
			WO 2001-JP4740	W 20010605
AB			An aqueous solution containing an alkali metal salt of a partial alkyl ester of	

phosphoric acid wherein the alkyl groups may be each linear or branched and have 16 to 22 carbon atoms on the average, the degree of phosphorylation is 0.6 to 1.0, and the degree of neutralization is 60 to 100% is stabilized by adding 1 to 10% of a polyhydric alc. having 3 to 12 carbon atoms and at least three hydroxyl groups for improving storage stability and handling. Textile oils containing the resulting stabilized aqueous solution as the main component are also provided. Thus, a solution of 35% the phosphoric acid ester salt containing 8% glycerin showed viscosity 895 mPa.s initially and 1576 mPa.s after 4 wk at -5°, vs. 1467 and 4125, resp., for ethylene glycol in place of glycerin, or 1580 and 4040, resp., in the absence of the stabilizer.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 10 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2000:623529 CAPLUS

DOCUMENT NUMBER: 133:189326

TITLE: Pesticide emulsions prepared by the phase inversion temperature method

INVENTOR(S): Abribat, Benoit; Da Silva Marques, Maria

PATENT ASSIGNEE(S): Cognis Deutschland G.m.b.H., Germany; Sidobre-Sinnova S.A.

SOURCE: Ger. Offen., 6 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19908559	A1	20000907	DE 1999-19908559	19990227
CA 2362506	A1	20000908	CA 2000-2362506	20000218
WO 2000051427	A1	20000908	WO 2000-EP1311	20000218
W: BR, CA, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 1162881	A1	20011219	EP 2000-916844	20000218
EP 1162881	B1	20040414		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
BR 2000008445	A	20020115	BR 2000-8445	20000218
AT 264055	T	20040415	AT 2000-916844	20000218
ES 2219327	T3	20041201	ES 2000-916844	20000218
US 6716443	B1	20040406	US 2001-914431	20011218
PRIORITY APPLN. INFO.:			DE 1999-19908559	A 19990227
			WO 2000-EP1311	W 20000218

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB The title emulsions comprise a pesticides, nonionic emulsifiers, such as fatty alc. ethoxylates or fatty acid partial glycerides, and solvents.

The emulsions have high stability in storage and can diluted with water.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 12 11-20 ibib abs

L2 ANSWER 11 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 1982:493471 CAPLUS  
 DOCUMENT NUMBER: 97:93471  
 ORIGINAL REFERENCE NO.: 97:15597a,15600a  
 TITLE: Poly(vinyl chloride) processing  
 INVENTOR(S): Lindner, Robert A.  
 PATENT ASSIGNEE(S): Henkel Corp., USA  
 SOURCE: U.S., 4 pp.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4336176	A	19820622	US 1981-223885	19810112
PRIORITY APPLN. INFO.: ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): MARPAT 97:93471				
AB PVC [9002-86-2] Compns. are provided containing an organotin stabilizer and a pentaerythritol partial ester which acts as both an internal lubricant and a costabilizer to scavenge HCl. Thus, a pentaerythritol partial ester of a C14-18 fatty acid mixture was prepared containing monoester 30, diester 50, and triester 20%. Partial ester 0.2, dioctyltin diglycolate [82726-85-0] 1.5, and PVC 100 parts were calendered at 200°. The composition showed a substantial viscosity reduction at <0.5 part partial ester in PVC. When stearyl stearate was used in place of the partial ester, 1.0 phr was required before any internal lubricating effect was observed.				
OS.CITING REF COUNT:	6	THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)		
REFERENCE COUNT:	3	THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L2 ANSWER 12 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 1982:493455 CAPLUS  
 DOCUMENT NUMBER: 97:93455  
 ORIGINAL REFERENCE NO.: 97:15597a,15600a  
 TITLE: Poly(vinyl chloride) compositions and processing  
 INVENTOR(S): Lindner, Robert A.  
 PATENT ASSIGNEE(S): Henkel Corp., USA  
 SOURCE: U.S., 5 pp.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4332702	A	19820601	US 1981-223886	19810112
PRIORITY APPLN. INFO.: ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): MARPAT 97:93455				
AB Pentaerythritol fatty acid partial esters, fatty acid mixts. containing 0-10%				

C14, 0-5% C15, 30-60% C16, 0-5% C17, and 30-60% C18, are internal lubricants and heat stabilizers (HCl scavengers) for PVC [9002-86-2]. Thus, 77.66 parts fatty acid mixture containing C14 3, C15 0.5, C16 42.5, C17

2,

and C18 52% and 29.22 parts pentaerythritol were esterified 4 h at 190° to give a product containing monoester 30, diester 50, and triester 20%. A standard PVC formulation containing, in addition to the usual additives, 0.7 phr of the above fatty acid ester mixture had Brabender stability time 29.0 at 190° at 60 rpm.

OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 13 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1981:444211 CAPLUS

DOCUMENT NUMBER: 95:44211

ORIGINAL REFERENCE NO.: 95:7571a,7574a

TITLE: Halogen-containing resin compositions

PATENT ASSIGNEE(S): Adeka Argus Chemical Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 56030452	A	19810327	JP 1979-106430	19790821
JP 62034062	B	19870724		

PRIORITY APPLN. INFO.: JP 1979-106430 A 19790821

AB Phosphoric acid ester salts and polyhydric alcs. (>3 OH groups) or their carboxylic acid partial esters are used as heat stabilizers for the title compns. Thus, a sheet containing Geon 103EP [9002-86-2] 100, DOP 48, epoxidized soybean oil 2, Ca stearate 1, zinc ditridecyl phosphate [78146-11-9] 0.2, isodecyl di-Ph phosphite 0.5, and pentaerythritol (I) [115-77-5] 0.3 part had thermal stability 105 min at 190°, compared with 60 min for a similar sheet containing no I.

L2 ANSWER 14 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1979:478131 CAPLUS

DOCUMENT NUMBER: 91:78131

ORIGINAL REFERENCE NO.: 91:12581a,12584a

TITLE: Lubricant for plastic working of aluminum and its alloys

INVENTOR(S): Sakurai, Toshio; Yoshikawa, Masaharu; Takahashi, Masayuki

PATENT ASSIGNEE(S): Ajinomoto Co., Inc., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 54040260	A	19790329	JP 1977-107069	19770906

PRIORITY APPLN. INFO.: JP 1977-107069 A 19770906

AB The lubricant contains partial ester(s) of neopentyl-type polyol with C<sub>25</sub> fatty acid as effective component. Thus, a lubricant was prepared by mixing n-paraffin with 2% pentaerythritol [115-77-5]-C7-9 saturated fatty acid ester (monoester 25.6, diester 43.9, triester 27.5, tetraester 3.0%). When the lubricant was applied to an Al-(4.0-4.9)Mg-(0.3-1.0%)Mn block and its abrasion was tested in a Falex testing machine at 290 rpm and sliding velocity 0.0964 m/s, the weight loss was 9.0 mg. vs. 29.4 with only the n-paraffin.

L2 ANSWER 15 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1977:92228 CAPLUS

DOCUMENT NUMBER: 86:92228

ORIGINAL REFERENCE NO.: 86:14577a,14580a

TITLE: Modified fatty esters for the prevention of rust

INVENTOR(S): Yokota, Minoru; Imura, Kenji

PATENT ASSIGNEE(S): Umemoto, Yuzo, Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 3 pp.  
CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 51131504	A	19761116	JP 1975-57569	19750513

PRIORITY APPLN. INFO.: JP 1975-57569 A 19750513

AB A partial ester of pentaerythritol (I) [115-77-5] with hydrogenated Aliphatic 47 (a monomer acid separated from a dimer acid)(II) [61840-21-9] was used to prevent the formation of rust. Thus, 1 kg II was hydrogenated at 250°/25 atm for 5 h in the presence of 50 g Raney Ni, filtered, mixed (300 g) with 145 g I, heated to 235° during 2 h, and allowed to react for an addnl. 3 h with removal of 55 mL water to prepare an ester.

L2 ANSWER 16 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1976:466699 CAPLUS

DOCUMENT NUMBER: 85:66699

ORIGINAL REFERENCE NO.: 85:10723a,10726a

TITLE: Precoating for high-strength steel sheets with high press-mold scuffing resistance and good drawability

INVENTOR(S): Imamura, Jun; Okamoto, Akira; Kikuma, Toshio

PATENT ASSIGNEE(S): Nippon Steel Corp., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.  
CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 51011027	A	19760128	JP 1974-81751	19740718

JP 56019260 B 19810506 JP 1974-81751 19740718  
 PRIORITY APPLN. INFO.:  
 AB The title steel sheet is manufactured by forming a lubricant film, obtained by dispersing a polyhydric alc., metallic soap, animal and vegetable oils, etc., in a water-soluble resin on the surface of a high-strength steel sheet having a uniform elongation of >10% and a tensile strength of >45 kg/mm<sup>2</sup>. The steel sheet is especially useful for automobiles and trucks. Thus, on a cold-rolled steel [59912-91-3] sheet containing C 0.09, Si 0.92, Mn 0.97, P 0.017, S 0.006, and Cr 0.32% and having yield point 37.7, tensile strength 55.6 kg/mm<sup>2</sup>, and elongation 16.9%, a 2  $\mu$ -thick film obtained by dispersing a half ester of pentaerythritol in an aqueous solution of acrylic resin containing Zn(OH)<sub>2</sub> was electrodeposited. The steel sheet performed well in pressing tests.

L2 ANSWER 17 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 1976:139431 CAPLUS  
 DOCUMENT NUMBER: 84:139431  
 ORIGINAL REFERENCE NO.: 84:22653a,22656a  
 TITLE: Lubricating oil compositions for press forming of steel sheets  
 INVENTOR(S): Shimada, Shoji; Kamimura, Yoshiharu; Shinagawa, Yasuo; Kikuma, Toshio; Hasuka, Kaname  
 PATENT ASSIGNEE(S): Nippon Steel Corp., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 50067806	A	19750606	JP 1973-117984	19731022
			JP 1973-117984	A 19731022

PRIORITY APPLN. INFO.:  
 AB Lubricating oil compns. for press-forming of steel [12597-69-2] sheets contain chiefly fatty acid esters of pentaerythritol (I) [115-77-5], sorbitan, glycerol, or trimethylolethane. Thus, a composition of partial esters from I and hydrogenated beef tallow fatty acid 30, tetraester of I with hydrogenated beef tallow fatty acid 30, chlorinated stearic acid [57-11-4] 30, and polypropylene glycol [25322-69-4] 10 parts had m.p. 40° and provided excellent lubrication during press-forming of steel, prevented corrosion of steel, and was easily removed.

L2 ANSWER 18 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 1973:406897 CAPLUS  
 DOCUMENT NUMBER: 79:6897  
 ORIGINAL REFERENCE NO.: 79:1151a,1154a  
 TITLE: Very light alkyds  
 INVENTOR(S): Macku, Vladislav; Hajek, Karel; Stanek, Jiri  
 SOURCE: Czech., 2 pp.  
 CODEN: CZXXA9  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Czech  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:



PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CS 146600		19721215	CS 1969-133	19690110

AB A soybean oil or linseed oil partial ester with pentaerythritol (I) [115-77-5] formed in the presence of calcium oxide [1305-78-8] or lead oxide [1335-25-7] was treated with a mixture of phthalic anhydride (II) [85-44-9] and a C4-6  $\alpha,\beta$ -unsatd. dicarboxylic acid, anhydride, or monester in the mole ratio 1 0.02-0.04 in aromatic hydrocarbons to give light alkyd resins. Thus, 19.4 mole % soybean oil, 31.4 mole % I, 110 g CaO, and 110 g PbO were mixed under N, heated 2 hr at 240.deg., cooled to 160.deg., treated with 48.2 mole % II, 1.0 mole % maleic acid monobutyl ester [925-21-3], and 5 parts xylene, heated 1-2 hr, at 185.deg. and heated to 240.deg. to complete the esterification and give a product with acid number .sim.6 mg KOH/g.

L2 ANSWER 19 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 1973:17103 CAPLUS  
 DOCUMENT NUMBER: 78:17103  
 ORIGINAL REFERENCE NO.: 78:2725a,2728a  
 TITLE: Polycarboxylic curing agent  
 INVENTOR(S): Cunningham, Arthur L.  
 PATENT ASSIGNEE(S): Sherwin-Williams Co.  
 SOURCE: U.S., 5 pp.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3699064	A	19721017	US 1970-98183	19701214

PRIORITY APPLN. INFO.: US 1970-98183 A 19701214

AB Treatment of pentaerythritol (I) [115-77-5] with chlorendic anhydride (II) [115-27-5] and Nedox 1518 [12609-83-5] (a C15-18  $\alpha$ -olefin oxide), Cardura E [11120-34-6] (a glycidyl ester of a branched tertiary carboxylic acid), or Flexol EP-8 [37191-45-0] (epoxidized octyl tallate) so that the OH-dianhydride-epoxide mole ratio was 1:1.15-1.5:0.15-0.5 at 100-200° to give epoxy resin curing agents completely soluble in paraffinic hydrocarbons. Thus, a 1:1.32:0.32 (mole ratio) I-II-Nedox 1518 mixture was heated at .leg.270°F to give a partial ester(III), which gave a clear, homogeneous 61% solids solution in Varnish Makers and Painters Naptha of Gardner color 1-2 and Gardner-Holdt viscosity T. A film containing a 40:60 III-modified epoxidized soybean oil mixture on steel panels with a 3-mil drawdown had a Taber abrasion of 95 and a reverse impact strength of 160 in-lbs.

L2 ANSWER 20 OF 20 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 1972:500849 CAPLUS  
 DOCUMENT NUMBER: 77:100849  
 ORIGINAL REFERENCE NO.: 77:16623a,16626a  
 TITLE: Partial esters of poly(neopentyl polyols) and aliphatic monocarboxylic acids  
 INVENTOR(S): Leibfried, Raymond T.  
 PATENT ASSIGNEE(S): Hercules Inc.  
 SOURCE: U.S., 4 pp.  
 CODEN: USXXAM

DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3670013	A	19720613	US 1969-867087	19691016
PRIORITY APPLN. INFO.:			US 1969-867087	A 19691016
AB Pentaerythritol (272 parts) and 217 parts Me(CH <sub>2</sub> ) <sub>3</sub> CO <sub>2</sub> H (I) was heated at 171°, trace of H <sub>2</sub> O collected in a Barrett moisture trap containing 38 parts I, 1 part concentrated H <sub>2</sub> SO <sub>4</sub> diluted with 2 parts H <sub>2</sub> O added, the whole heated at 192° until 50.5 parts H <sub>2</sub> O collected in the trap (1.4 hr), and the catalyst neutralized with NaOH to give partial esters of polyentaerythritols and I.				
OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)				

=> d his

(FILE 'HOME' ENTERED AT 09:26:33 ON 10 SEP 2010)

FILE 'REGISTRY' ENTERED AT 09:26:56 ON 10 SEP 2010  
 E 2,2-BISHYDROXYMETHYL-1,3-PROPANEDIOL/CN  
 E PENTAERYTHRITOL/CN

L1 1 S E3

FILE 'CAPLUS' ENTERED AT 09:28:56 ON 10 SEP 2010  
 20 S L1 (L) (PARTIAL (2A) ESTER)

=> s l1

L3 13220 L1

=> s l3 (L) (cosmetic? or pharmac?)

109835 COSMETIC?

849638 PHARMAC?

L4 276 L3 (L) (COSMETIC? OR PHARMAC?)

=> s l4 and ester?

1041297 ESTER?

L5 186 L4 AND ESTER?

=> s l5 and (fatty (a) acid)

453388 FATTY

14 FATTIES

453392 FATTY

(FATTY OR FATTIES)

5128612 ACID

1773446 ACIDS

5678299 ACID

(ACID OR ACIDS)

400562 FATTY (A) ACID

L6 108 L5 AND (FATTY (A) ACID)

=> s l6 and (caproic or caprylic or capric or lauric or myristic or palmitic or stearic or arachidic or behenic)

7832 CAPROIC  
 8381 CAPRYLIC  
 7084 CAPRIC  
 22135 LAURIC  
     3 LAURICS  
 22136 LAURIC  
     (LAURIC OR LAURICS)  
 18090 MYRISTIC  
 47283 PALMITIC  
     1 PALMITICS  
 47283 PALMITIC  
     (PALMITIC OR PALMITICS)  
 84804 STEARIC  
 6007 ARACHIDIC  
 5762 BEHENIC

L7 31 L6 AND (CAPROIC OR CAPRYLIC OR CAPRIC OR LAURIC OR MYRISTIC OR  
 PALMITIC OR STEARIC OR ARACHIDIC OR BEHENIC)

=> s 17 not 12

L8 31 L7 NOT L2

=> d 18 1-10 ibib abs

L8 ANSWER 1 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2010:499327 CAPLUS

DOCUMENT NUMBER: 152:509170

TITLE: Cosmetic or dermopharmaceutical composition containing  
 Pseudoalteromonas ferment extract

INVENTOR(S): Perez Arcas, Roman; Oncins Bergas, Carla; Garcia  
 Anton, Jose Maria

PATENT ASSIGNEE(S): Lipotec, S.A., Spain

SOURCE: PCT Int. Appl., 33pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2010043346	A1	20100422	WO 2009-EP7258	20091009
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
ES 2336995	A1	20100419	ES 2008-2885	20081013

PRIORITY APPLN. INFO.: ES 2008-2885 A 20081013

AB Cosmetic or dermopharmaceutical compns. containing Pseudoalteromonas ferment  
 extract for the treatment and/or care of the skin, scalp and/or nails,

preferably to improve the barrier function of the skin, scalp and/or nails, and specifically for the treatment and/or care of those conditions, disorders and/or pathologies of the skin, scalp and/or nails associated with an alteration in the keratinization process. Thus, hand and foot cream composition comprised (in weight%): Antarcticine C (Pseudoalteromonas ferment extract) 1.00, carrageenan (Chondrus crispus) 0.07, glucose 3.5 + 10-3, xanthan gum 0.12, glycerin 5.00, urea 3.00, musk rose (Rosa moschata) seed oil, ascorbyl palmitate 0.20, shea butter 5.00, ethylhexyl palmitate 7.00, C12-15 alkyl benzoate 2.50, caprylic/capric triglyceride 5.00, stearic acid, palmitic acid 3.00, glyceryl stearate 4.50, glyceryl stearate citrate 1.00, polyglyceryl-3 stearate 3.00, butylene glycol dicaprylate/dicaprate 2.00, dimethicone 2.00, carbomer 0.30, disodium EDTA 0.30, phenoxyethanol, methylparaben, ethylparaben, butylparaben, propylparaben, isobutylparaben 0.88, imidazolidinylurea 0.20, BHT 0.05, fragrance 0.20, water q.s.

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2009:1348996 CAPLUS

DOCUMENT NUMBER: 151:576888

TITLE: Method for producing negative ion water with high safety and long-term stability suitable for cosmetics, medical/food/environmental disinfectants and pharmaceutical preparations by oxygen removal, electrolysis and stabilization

INVENTOR(S): Okajima, Masahiro; Xu, Yan

PATENT ASSIGNEE(S): Peop. Rep. China

SOURCE: Faming Zhuanli Shengqing Gongkai Shuomingshu, 24pp.

CODEN: CNXXEV

DOCUMENT TYPE: Patent

LANGUAGE: Chinese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 101565256	A	20091028	CN 2007-10046103	20070918
PRIORITY APPLN. INFO.:			CN 2007-10046103	20070918

AB The title method for producing neg. ion water comprises removing O from pure water with ion exchange membrane to reach a dissolved O content <1 ppm, electrolyzing, and placing in sealed stabilization tank under pressure of 4 Kg/cm2 for 2-3 days for stabilization treatment. The obtained neg. ion water can maintain strong alkalinity for a long term to ensure persistent bactericidal effect, while the alkalinity disappears immediately after contact with human body to thereby achieve safety/harmlessness. The neg. ion water also has excellent detergency and antistatic and deodorant effects. It can be used in formulations, such as cosmetics, topical medical/food/environmental disinfectants and pharmaceutical preps., safe/harmless to human body and suitable for long-term storage.

L8 ANSWER 3 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2009:49593 CAPLUS

DOCUMENT NUMBER: 150:128387

TITLE: Cosmetic or dermatological preparations containing one or more apiogalacturonans or Zostera marina extract

containing apiogalacturonans and alcohols and/or polyols  
 INVENTOR(S): Filbry, Alexander; Siefken, Wilfried; Breitenbach, Ute; Scherner, Cathrin; Jacobsen, Sarah  
 PATENT ASSIGNEE(S): Beiersdorf A.-G., Germany  
 SOURCE: Ger. Offen., 17pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 102007032660	A1	20090115	DE 2007-102007032660	20070713
PRIORITY APPLN. INFO.:			DE 2007-102007032660	20070713
AB The invention concerns cosmetic and dermatol. preps. containing (a) one or more apiogalacturonan or a Zostera marina extract containing apiogalacturonans; (b) alcs. and/or polyols. Thus an O/W night cream contained (weight/weight%): glyceryl stearate citrate 2; cetyl palmitate 2; cetyl alc. 4; tocopheryl acetate 1; hydrogenated coco glycerides 2; caprylic/capric triglyceride 2; ethylhexyl coco fatty acid ester 2; cyclomethicone 3; dicaprylyl ether 2; retinyl palmitate 0.1; methylpropanediol 3; ubiquinone Q10 0.1; sodium ascorbyl phosphate 0.1; Zostera marina extract 1.0; paraben 0.6; ethylhexylglycerin 0.5; carbomer 0.2; EDTA 0.2; glycerin 10; water and oil soluble dyes 0.05; fillers, additives (silica, BHT) 0.2; perfume q.s.; water to 100.				
REFERENCE COUNT:	7	THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L8 ANSWER 4 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2008:1533359 CAPLUS  
 DOCUMENT NUMBER: 150:77902  
 TITLE: Skin and lip cosmetics containing a polyester and a branched hydrocarbon  
 INVENTOR(S): Ricard, Audrey  
 PATENT ASSIGNEE(S): L'Oreal, Fr.  
 SOURCE: U.S. Pat. Appl. Publ., 21 pp.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20080317693	A1	20081225	US 2008-142124	20080619
FR 2917614	A1	20081226	FR 2007-55931	20070621
FR 2917614	B1	20091002		
EP 2008645	A1	20081231	EP 2008-158045	20080611
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, AL, BA, MK, RS				
KR 2008112995	A	20081226	KR 2008-58618	20080620
JP 2009007359	A	20090115	JP 2008-162515	20080620
IN 2008CN03124	A	20090306	IN 2008-CN3124	20080620

CN 101411677	A	20090422	CN 2008-10175614	20080620
RU 2385708	C2	20100410	RU 2008-125138	20080620
PRIORITY APPLN. INFO.:			FR 2007-55931	A 20070621
			US 2007-929738P	P 20070711

## ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 150:77902

AB The present patent application relates to a composition containing a certain type

of polyester and a branched hydrocarbon compound. Also described is a cosmetic treatment method employing the composition and the use of this composition

for caring for or making up the skin or lips. E.g., pentaerythrityl benzoate/isophthalate/isostearate is prepared from pentaerythritol and the corresponding acids and this ester used in a lipstick formulation.

L8 ANSWER 5 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2008:548138 CAPLUS

DOCUMENT NUMBER: 148:502704

TITLE: Multilayer stick-type lip cosmetic compositions

INVENTOR(S): Watanabe, Haruki; Otomo, Tadakazu; Tanabe, Yuki

PATENT ASSIGNEE(S): Doctor Program K. K., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 18pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

## PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 2008105951	A	20080508	JP 2006-287261	20061023
PRIORITY APPLN. INFO.:			JP 2006-287261	20061023
AB The invention relates to a stick-type cosmetic composition for providing both moisture and gloss to the lips with excellent storage stability, wherein the composition consists of a core part containing a liquid oil-containing oily composition				
with a hardness 1-75 g, and an outer part containing solid and liquid oily components. For example, stick-type lip cosmetic composition containing core material with a hardness 1 containing hydrogenated polyisobutene 40, glyceryl tri-2-ethylhexanoate 8, isotridecyl isononanoate 10, diisostearyl malate 20, squalane 10, and dextrin palmitate 12 parts, and an outer material with a hardness 110 containing hydrogenated polyisobutene 30, neopentylglycol dicaprate 9.8, glyceryl tri(caprate/caprylate) 15, polyethylene wax 12, diisostearyl malate 10, octyldodecyl myristate 5, squalane 5, microcryst. wax 8, tocopherol 0.1, polyglyceryl triisostearate 5, and iron oxide 0.1 parts was formulated.				

L8 ANSWER 6 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2007:1146371 CAPLUS

DOCUMENT NUMBER: 147:433002

TITLE: Moisturizing oily cosmetics containing hydrocarbons with different melting points, water-holding oils, and dextrin fatty acid esters

INVENTOR(S): Himeno, Tatsuya

PATENT ASSIGNEE(S): Kosei Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 15pp.

DOCUMENT TYPE: CODEN: JKXXAF  
 LANGUAGE: Patent  
 FAMILY ACC. NUM. COUNT: 1 Japanese  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2007262033	A	20071011	JP 2006-92636	20060330
PRIORITY APPLN. INFO.:			JP 2006-92636	20060330
AB Title cosmetics, which have soft texture in application to skin, show long-lasting moisturizing effect, and give no skin-occlusive feel despite large amount of hydrocarbons, contain (A) hydrocarbons with m.p. 61-90°, (B) hydrocarbons with m.p. 30-60°, (C) water-holding oils, and (D) dextrin fatty acid esters. Thus, a stick-type lip cream was formulated containing Multiwax W 835, Eldew PS 203 (lauroylglutamic acid phytosteryl octyldodecyl diester), Rheoparl KL (dextrin palmitate) was stored at 40° for 1 mo to show no change in the appearance.				

L8 ANSWER 7 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2007:1117891 CAPLUS  
 DOCUMENT NUMBER: 147:432993  
 TITLE: Cosmetic or pharmaceutical composition containing a polycondensate  
 INVENTOR(S): Rodriguez, Ivan; Ramin, Roland; Giustiniani, Pascal; Malle, Gerard; Ilekki, Philippe  
 PATENT ASSIGNEE(S): L'Oreal, Fr.  
 SOURCE: Fr. Demande, 42pp.  
 CODEN: FRXXBL  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2899100	A1	20071005	FR 2006-51190	20060404
FR 2899100	B1	20080808		
EP 1844761	A1	20071017	EP 2007-103780	20070308
EP 1844761	B1	20100519		
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
AT 468103	T	20100615	AT 2007-103780	20070308
ES 2344475	T3	20100827	ES 2007-103780	20070308
US 20080069786	A1	20080320	US 2007-693842	20070330
JP 2007277239	A	20071025	JP 2007-97695	20070403
BR 2007001337	A	20071211	BR 2007-1337	20070403
CN 101088487	A	20071219	CN 2007-10096808	20070403
IN 2007DE00755	A	20071005	IN 2007-DE755	20070404
KR 2007099487	A	20071009	KR 2007-33436	20070404
KR 847713	B1	20080723		
PRIORITY APPLN. INFO.:			FR 2006-51190	A 20060404
			US 2006-792322P	P 20060417

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
 AB A composition cosmetic or pharmaceutical composition, in particular a nail varnish,

comprises a condensation polymer obtained by reaction of a polyol containing 3 to 6 hydroxyl groups; a nonarom., saturated or unsatd. monocarboxylic acid; an aromatic monocarboxylic acid comprising 7 to 11 carbon atoms; and a saturated or

unsatd., aromatic, linear, branched and/or cyclic polycarboxylic acid containing

at least 2 carboxylic groups; and/or a cyclic anhydride of such polycarboxylic acid. A mixture of benzoic acid, isostearic acid, pentaerythritol, and isophthalic acid was heated for 220° for 11 h to obtain a polycondensate of pentaerythritol benzoate/isophthalate/isostearate in a form of a thick oil which solidified in room temperature. The acid index and the hydroxyl index of the polycondensate was 12.7 and 49, resp. Formulation of nail polish containing 14 g of the above polycondensate is disclosed.

OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 8 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2007:61593 CAPLUS

DOCUMENT NUMBER: 146:148423

TITLE: Cosmetic mascaras containing waxes and hydrocolloids and method for preparation

PATENT ASSIGNEE(S): Schwan-Stabilo Cosmetics G.m.b.H. & Co. K.-G., Germany

SOURCE: Ger. Offen., 17pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 102005033520	A1	20070118	DE 2005-102005033520	20050714
DE 102005033520	B4	20071220		
US 20070014744	A1	20070118	US 2005-246815	20051007
CA 2523673	A1	20070114	CA 2005-2523673	20051017
WO 2007031139	A1	20070322	WO 2006-EP6913	20060714
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
EP 1916989	A1	20080507	EP 2006-828795	20060714
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
US 20090196842	A1	20090806	US 2006-628119	20061201
KR 2008037673	A	20080430	KR 2008-703604	20080214
KR 975632	B1	20100817		



PRIORITY APPLN. INFO.:

DE 2005-102005033520A 20050714

WO 2006-EP6913 W 20060714

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB The invention concerns cosmetic mascaras that are O/W emulsions and contain waxes, fatty acids, polyols, a film-forming polymer, a nonionic emulsifier, and a gel; the gel is a hydrocolloid. Thus a pasty mascara included (weight/weight): water 51.380; polyvinyl alc. 6.000; hydroxyethyl cellulose 1.300; sorbitol 2.500; glycerin 1.000; panthenol 0.250; aminomethyl propanol 0.550; sorbitan olivate 6.500; stearic acid 4.000; PVP-hexadecene copolymer 1.500; Carnauba wax 3.500; rice bran wax 4.500; iso-Pr myristate and Bambusa Vulgaris extract 0.200; bis-PEG/PPG-16/16-PEG/PPG-16/16-dimethicone 0.500; caprylic /capric triglyceride 0.300; iron oxide black 9.500; tocopherol acetate 0.350; fragrance 0.250; dimethicone 4.500; polyurethane-2 2.000; IPBC 0.020; phenoxyethanol 0.400.

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 9 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2005:1126614 CAPLUS

DOCUMENT NUMBER: 143:392542

TITLE: Wax mixture based on partial glycerides and pentaerythritol esters for use as viscosity-increasing component in cosmetic and pharmaceutical emulsions

INVENTOR(S): Goget, Caroline; Issberner, Ulrich; Kawa, Rolf; Mitchell, Catherine

PATENT ASSIGNEE(S): Cognis Ip Management G.m.b.H., Germany

SOURCE: PCT Int. Appl., 29 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005097056	A1	20051020	WO 2005-EP3233	20050326
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 102004017222	A1	20051020	DE 2004-102004017222	20040405
DE 102004031939	A1	20060119	DE 2004-102004031939	20040630
EP 1750659	A1	20070214	EP 2005-716400	20050326
R: DE, ES, FR, GB, IT				
CN 1933810	A	20070321	CN 2005-80009623	20050326
JP 2007531777	T	20071108	JP 2007-506691	20050326

US 20080249192 A1 20081009 US 2008-547592 20080317  
 PRIORITY APPLN. INFO.: DE 2004-102004017222A 20040405  
 DE 2004-102004031939A 20040630  
 DE 2004-102004039471A 20040814  
 WO 2005-EP3233 W 20050326

## ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB The invention relates to water-free wax mixts. containing, as components, (a) at least one pentaerythriol, dipentaerythriol, tripentaerythriol ester or any particular mixture of said esters and as components (b) at least one partial glyceride, wherein the ratio from (a)-to- (b)- is from 1: 3 to 3: 1. The invention also optionally relates to self-emulsifying bases which contain the inventive wax mixture in addition to at least one emulsifier (c) which is selected from the group of anionic or non-ionic emulsifiers having an HLB value greater than 10. The invention further relates to the use of the wax mixts. or self-emulsifying bases in the cosmetic industry. Thus a composition contained (weight/weight%): Cutina

GMS

3.75; pentaerythrityldistearate 0.75; cococaprylate/caprate 16; sodium stearyl glutamate 0.5; glycerin 3; water 75.5. The emulsion was stable for 12 wk when compared to a similar composition without pentaerythrityldistearate.

OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)  
 REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 10 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2005:1077896 CAPLUS

DOCUMENT NUMBER: 143:372847

TITLE: Gels containing metallic soaps and coupling agents for cosmetic uses

INVENTOR(S): Walton, Richard

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 29 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20050220832	A1	20051006	US 2005-87570	20050324
US 20090257968	A1	20091015	US 2009-453308	20090506
PRIORITY APPLN. INFO.:			US 2004-556052P	P 20040325
			US 2005-87570	A2 20050324

OTHER SOURCE(S): MARPAT 143:372847

AB The present invention provides an enhanced gelling agent composition comprising a mixture of a metallic soap and a coupling agent. The invention also describes compns. in gel form comprising: (a) a solvent selected from the group consisting of polar solvents, nonpolar solvents and combinations thereof; and (b) a gelling agent in an amount sufficient to impart gelation to the composition, the gelling agent being a mixture comprising a metallic

soap

and a coupling agent. The gels of the invention may be substantially anhydrous or may optionally contain water as part of the formulation. For example, 50 g Drakeol 10 was heated in a beaker. In a second beaker, 10 g

Ethox 4075 and 2 g sodium stearate were heated to a temperature sufficient to afford mixing. Once a one-phase system was obtained, the content of the beaker containing the Drakeol 10 was added. If some gelation occurred, thus hindering mixing, heating the mass should be kept until the gel brakes. Upon cooling a firm, translucent gel was observed

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L8 ANSWER 11 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2005:540476 CAPLUS

DOCUMENT NUMBER: 143:65441

TITLE: Preparation of mixed phase co-crystals with pharmaceuticals

INVENTOR(S): Goldman, David

PATENT ASSIGNEE(S): Medocrystalforms, LLC, USA

SOURCE: PCT Int. Appl., 78 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005055983	A2	20050623	WO 2004-US41500	20041209
WO 2005055983	A3	20070301		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MN, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, NI, SN, TD, TG				
CA 2548281	A1	20050623	CA 2004-2548281	20041209
US 20050181041	A1	20050818	US 2004-8034	20041209
EP 1727520	A2	20061206	EP 2004-813765	20041209
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, LV, MK, YU				
JP 2007516259	T	20070621	JP 2006-544038	20041209
PRIORITY APPLN. INFO.:				
			US 2003-528232P	P 20031209
			US 2004-559862P	P 20040406
			WO 2004-US41500	W 20041209

AB This invention pertains to a method of preparing mixed phase co-crystals of active agents with one or more materials that allows the modification of the active agent to a new phys./crystal form with unique properties useful for the delivery of the active agent, as well as compns. comprising the mixed phase co-crystals. Thus, a mixed phase co-crystal formulation contained itraconazole 5000, Steareth-20 2500, and Pluronic F 68 2500 mg, and soybean oil 100 mL.

OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD

(4 CITINGS)  
 REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 12 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2004:876445 CAPLUS  
 DOCUMENT NUMBER: 141:354843  
 TITLE: Oily cosmetic compositions containing solid oil,  
 maltodextrin, and hydrate oils  
 INVENTOR(S): Himeno, Tatsuya  
 PATENT ASSIGNEE(S): Kosei Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 11 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004292371	A	20041021	JP 2003-87319	20030327
JP 4421831	B2	20100224		

PRIORITY APPLN. INFO.: JP 2003-87319 20030327  
 AB The invention relates to an oily cosmetic composition having excellent storage stability, use feel, and moisturizing effect, wherein the composition is characterized by containing a solid oil having a m.p. of  $\geq 80^\circ$ , maltodextrin, and a hydrate oil. A stick-type lip cream composition was prepared from ethylene-propylene copolymer 7, ceresin wax 8, pentaerythritol rosinate 5, diisostearyl maleate 10, cetyl 2-Et hexanoate 20, N-acylglutamate (Eldew CL-301) 15, lanolin acetate 20, tapioca-derived maltodextrin (dextrose equivalent 16-19) 5, silica 0.5, 2-ethylhexyl-p-methoxycinnamate 1,  $\alpha$ -tocopherol 0.1, fragrance/preservative q.s., and polyglyceryl triisostearate balance to 100 % was formulated.

L8 ANSWER 13 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2004:753127 CAPLUS  
 DOCUMENT NUMBER: 141:265584  
 TITLE: Cosmetic composition comprising a hydroxylated  
 carboxylic acid triglyceride polyester and a pasty compound  
 INVENTOR(S): Blin, Xavier; Filippi, Vanina  
 PATENT ASSIGNEE(S): L'oreal, Fr.  
 SOURCE: Eur. Pat. Appl., 19 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1457193	A1	20040915	EP 2004-290592	20040304
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
FR 2852233	A1	20040917	FR 2003-3077	20030312

FR 2852233 B1 20060630  
 FR 2852235 A1 20040917 FR 2003-3079 20030312  
 FR 2852235 B1 20060630  
 JP 2004277419 A 20041007 JP 2004-69538 20040311  
 US 20040241121 A1 20041202 US 2004-797051 20040311  
 PRIORITY APPLN. INFO.: FR 2003-3077 A 20030312  
 FR 2003-3079 A 20030312  
 US 2003-456228P P 20030321  
 US 2003-456230P P 20030321

AB The title compns. are claimed which have remarkable cosmetic properties such as luster, and comfort. A lipstick contained Zenigloss 22, Elefacos ST9 11, 2-decyltetradecanoic acid triglyceride 20, hydrogenated polyisobutene 10, di-isostearyl malate 11, polybutylene 2.5, octacosanyl stearate 5, a mixture of lauric, myristic, palmitic, stearic acid triglycerides 2, polyethylene wax 5, hectorite modified by di-stearyl di-Me ammonium chloride 3, pigments q.s., preservatives q.s., and perfume q.s. 100%.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 14 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2004:718297 CAPLUS  
 DOCUMENT NUMBER: 141:226389  
 TITLE: Polyesteramine having tertiary amine functional group useful as additives in cosmetic and lubricant application  
 INVENTOR(S): Burgo, Rocco Vincent; Smith, Diana Louise; Ching, Hor P.  
 PATENT ASSIGNEE(S): Inolex Investment Corp., USA; Inolex Invest Corp  
 SOURCE: PCT Int. Appl., 43 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004073617	A2	20040902	WO 2004-US4139	20040213
WO 2004073617	A3	20050526		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI			
RW:	BW, GH, GM, KE, LS, MN, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG			
US 20050063938	A1	20050324	US 2004-779306	20040213
EP 1596875	A2	20051123	EP 2004-711099	20040213
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
CN 1764464	A	20060426	CN 2004-80007361	20040213
US 20080279795	A1	20081113	US 2008-180004	20080725
PRIORITY APPLN. INFO.:			US 2003-447530P	P 20030214
			US 2004-779306	A3 20040213
			WO 2004-US4139	W 20040213

## ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB A polyesteramine comprises at least one tertiary amine group, at least one ester linkage and at least one alkyl chain, and is prepared by reacting at least one tertiary amine functional polyol, at least one polyfunctional carboxylic acid and at least one monofunctional carboxylic acid or monofunctional alc.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 15 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2004:695458 CAPLUS

DOCUMENT NUMBER: 141:230304

TITLE: Skin moisturizing, lightening, and antiaging cosmetics and (quasi)drugs containing shellfish collagens type I (α1)3

INVENTOR(S): Tada, Takahiro; Tsuji, Nobuhide; Adachi, Katsuyoshi

PATENT ASSIGNEE(S): Mikimoto Pharmaceutical Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 21 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004238386	A	20040826	JP 2003-118440	20030423
PRIORITY APPLN. INFO.:			JP 2002-358821	A 20021211
AB Cosmetics and (quasi)drugs contain (derivs. of) shellfish collagen type I (α1)3 and skin moisturizers, softening agents, cell activators, anti-inflammatory agents, antioxidants, circulation promoters, and/or skin-lightening agents. Thus, a liquid cosmetic was formulated containing pearl oyster collagen type I (α1)3 and Na hyaluronate.				

OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)

L8 ANSWER 16 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2004:515354 CAPLUS

DOCUMENT NUMBER: 141:76380

TITLE: New lanolin substitutes and lanolin alcohols for cosmetic and dermatological and industrial uses

INVENTOR(S): Charlier De Chily, Pierre; Raynard, Mikaele

PATENT ASSIGNEE(S): Aldivia, Fr.

SOURCE: Fr. Demande, 34 pp.

CODEN: FRXXBL

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2849053	A1	20040625	FR 2002-16742	20021223
FR 2849053	B1	20050715		
WO 2004065533	A1	20040805	WO 2003-FR3759	20031217

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,

CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,  
 PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,  
 TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,  
 BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
 ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,  
 TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2003300641 A1 20040813 AU 2003-300641 20031217  
 EP 1576077 A1 20050921 EP 2003-815417 20031217

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

PRIORITY APPLN. INFO.: FR 2002-16742 A 20021223  
 WO 2003-FR3759 W 20031217

AB A lanolin substitute and deriv, such as a lanolin alc. is capable of  
 absorbing at least twice its weight of water or an aqueous solution or aqueous  
 suspension. These compds. have better organoleptic and physicochem.  
 properties than those of lanolin. The substitutes are obtained by a  
 partial synthesis starting from a mixture of saturated and/or unsatd.  
 fatty acids, or their esters preferably  
 without a catalyst and in an inert atmospheric the substitutes find uses in  
 cosmetic, pharmaceutical, and veterinary and industrial fields.

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD  
 (1 CITINGS)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 17 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2004:470335 CAPLUS

DOCUMENT NUMBER: 141:28235

TITLE: Water-based emulsifier-wax gels

INVENTOR(S): Dietz, Thomas

PATENT ASSIGNEE(S): Goldschmidt A.-G., Germany; Evonik Goldschmidt GmbH

SOURCE: Eur. Pat. Appl., 11 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1426401	A1	20040609	EP 2003-26290	20031115
EP 1426401	B1	20080514		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
DE 10255554	A1	20040617	DE 2002-10255554	20021128
KR 2004047576	A	20040605	KR 2003-77221	20031103
ES 2305393	T3	20081101	ES 2003-26290	20031115
BR 2003005308	A	20040914	BR 2003-5308	20031126
US 20040110851	A1	20040610	US 2003-724379	20031128
US 7148260	B2	20061212		
JP 2004174494	A	20040624	JP 2003-398799	20031128
PRIORITY APPLN. INFO.: ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT			DE 2002-10255554 A	20021128

AB Water-based wax gel, useful for cosmetic oil-in-water emulsion preparation,

contains skin-related sphingolipids, such as ceramides,  $\geq 1$  anionic or nonionic emulsifier,  $\geq 1$  waxy consistency agent and, optionally, other additives. Thus, heating an aqueous composition containing phytosphingosine 2, ethoxylated C16-18 alcs. (Ceteareth-25) as an emulsifier 2.0, glyceryl stearate 2.5, cetearyl alc. 3.5, stearic acid 1.0 weight% at 105-110° and mixing it at room temperature with another mixture containing glycerol 3.0, benzyl alc.- methylchloroisothiazolinone and methylisothiazolinone 0.1 weight% in water gives a gel..

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 18 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2004:370774 CAPLUS  
 DOCUMENT NUMBER: 140:395236  
 TITLE: Cosmetic composition containing a semicrystalline polymer and a polyester oil  
 INVENTOR(S): Ferrari, Veronique; Julien, Nathalie; Guillard, Sylvie  
 PATENT ASSIGNEE(S): L'Oreal, Fr.  
 SOURCE: Fr. Demande, 22 pp.  
 CODEN: FRXXBL  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2846552	A1	20040507	FR 2002-13890	20021106
FR 2846552	B1	20070615		
WO 2004041150	A2	20040521	WO 2003-EP15019	20031106
WO 2004041150	A3	20040708		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003294028	A1	20040607	AU 2003-294028	20031106
PRIORITY APPLN. INFO.:				
			FR 2002-13890	A 20021106
			US 2002-427228P	P 20021119
			WO 2003-EP15019	W 20031106

AB A make-up composition contain (a) a liquid fatty phase structured by a semicryst. polymer having a m.p. higher or equal to 30°C, (b) a dye and (c) a polyester oil. The liquid fatty phase, dye, polyester oil and the polymer form a physiol. acceptable medium. This composition is presented in particular in the form of a stick depositing a shining and comfortable film on the keratinous matters, in particular lips. This composition has the advantage of having a very good thermal stability. A lipstick contained octyldodecanol 14.5, diisostearyl malate 9.5, polyhydroxystearic acid 2, hydrogenated coco-glycerides 2, a stearyl acrylate polymer having having m.p. of 48° (preparation given) 11, and a stearyl acrylate-N-vinyl pyrrolidone



copolymer having m.p. of 58° (preparation given) 11, pigments 1, charge 1, pearl 3, and isononyl isononanoate q.s. 100%.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 19 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2004:198260 CAPLUS

DOCUMENT NUMBER: 140:240619

TITLE: Cosmetic water-in-oil emulsions containing microcrystalline cellulose in order to decrease gloss and tackiness on the skin

INVENTOR(S): Kroepke, Rainer; Bleckmann, Andreas; Heptner, Astrid; Fueller, Silke; Konz, Celina

PATENT ASSIGNEE(S): Beiersdorf A.-G., Germany

SOURCE: Ger. Offen., 20 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10241074	A1	20040311	DE 2002-10241074	20020905
WO 2004022019	A1	20040318	WO 2003-EP9684	20030901

W: JP, US

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR

PRIORITY APPLN. INFO.: DE 2002-10241074 A 20020905

AB The invention concerns cosmetic emulsions with oil as outer phase that are composed of (a) aqueous phase; (b) lipophilic phase; (c) one or more W/O and W/S (water in silicone) emulsifiers; (d) microcryst. cellulose; (e) moisturizers, other cosmetic substances and additives. Microcryst. cellulose can be used as a mixture with sodium CM-cellulose. Microcryst. cellulose reduces the gloss of the outer oily phase, decreases tackiness; allows for the use of less emulsifier and increases temperature and storage stability of the emulsions. Thus a composition contained (weight/weight%): triglycerin diisostearate 1.0; diglycerin dipolyhydroxy stearate 1.0; paraffin oil 12.5; vaseline 8.0; hydrogenated coco glycerides 2.0; decyl oleate 0.5; octyldodecanol 0.5; aluminum stearate 0.4; dicaprylyl carbonate 0.1; hydrogenated castor oil 0.5; microcryst. cellulose 0.5; magnesium sulfate 0.5; glycerin 3.0; citric acid 0.2; perfume q.s.; ethanol 2.0; caprylic/capric triglyceride 2.0; methylparaben 0.4; propylparaben 0.3; water to 100.

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 20 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2002:185694 CAPLUS

DOCUMENT NUMBER: 136:252483

TITLE: Clear oil-containing pharmaceutical compositions containing a therapeutic agent

INVENTOR(S): Chen, Feng-Jing; Patel, Mahesh V.; Fikstad, David T.

PATENT ASSIGNEE(S): Lipocine, Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 45 pp., Cont.-in-part of U.S.

Ser. No. 751,968.

CODEN: USXXCO

Patent

English

DOCUMENT TYPE:

LANGUAGE:

FAMILY ACC. NUM. COUNT: 13

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20020032171	A1	20020314	US 2001-877541	20010608
US 6761903	B2	20040713		
US 6267985	B1	20010731	US 1999-345615	19990630
US 6309663	B1	20011030	US 1999-375636	19990817
EP 2000130	A1	20081210	EP 2008-16180	20000602
R: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
US 20010024658	A1	20010927	US 2000-751968	20001229
US 6458383	B2	20021001		
US 20030077297	A1	20030424	US 2002-74687	20020211
US 7374779	B2	20080520		
US 20030104048	A1	20030605	US 2002-158206	20020529
US 20030235595	A1	20031225	US 2003-397969	20030325
US 20030236236	A1	20031225	US 2003-444935	20030522
US 20100137271	A1	20100603	US 2009-625284	20091124
US 20100136105	A1	20100603	US 2009-625309	20091124

PRIORITY APPLN. INFO.:

US 1999-345615	A2	19990630
US 1999-375636	A2	19990817
US 2000-751968	A2	20001229
US 1999-258654	A1	19990226
US 1999-447690	A3	19991123
EP 2000-938039	A3	20000602
WO 2000-US18807	A	20000710
US 2000-716029	A2	20001117
US 2001-800593	A2	20010306
US 2001-877541	A2	20010608
US 2001-898553	A2	20010702
US 2003-444935	A1	20030522

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB The present invention relates to pharmaceutical compns. and methods for improved solubilization of triglycerides and improved delivery of therapeutic agents. Compns. of the present invention include a carrier, where the carrier is formed from a combination of a triglyceride and at least 2 surfactants, at least one of which is hydrophilic. Upon dilution with an aqueous medium, the carrier forms a clear, aqueous dispersion of the triglyceride and surfactants. Thus, a formulation contained soybean oil, 80, Tween-20 200, and Tween-80 800 mg.

OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)

REFERENCE COUNT: 88 THERE ARE 88 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=&gt; d 18 21-31 ibib abs

L8 ANSWER 21 of 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2002:69335 CAPLUS

DOCUMENT NUMBER: 136:123393

TITLE: Cosmetic or pharmaceutical solid composition comprising bis-acyl-amides  
 INVENTOR(S): Livoreil, Aude; Genard, Sylvie  
 PATENT ASSIGNEE(S): L'Oreal, Fr.  
 SOURCE: Eur. Pat. Appl., 21 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1174110	A1	20020123	EP 2001-401905	20010716
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
FR 2811552	A1	20020118	FR 2000-9317	20000717
FR 2811552	B1	20021227		
CA 2382085	A1	20020124	CA 2001-2382085	20010716
WO 2002005763	A1	20020124	WO 2001-FR2306	20010716
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 2001076457	A	20020130	AU 2001-76457	20010716
AU 771283	B2	20040318		
BR 2001007027	A	20020430	BR 2001-7027	20010716
HU 2002003520	A2	20030428	HU 2002-3520	20010716
RU 2219899	C1	20031227	RU 2002-110122	20010716
JP 2004503575	T	20040205	JP 2002-511697	20010716
ZA 2002000993	A	20020816	ZA 2002-993	20020205
MX 2002001809	A	20020812	MX 2002-1809	20020220
US 20020150602	A1	20021017	US 2002-88296	20020410
US 20030129211	A9	20030710		
US 6726915	B2	20040427		
PRIORITY APPLN. INFO.:			FR 2000-9317	A 20000717
			WO 2001-FR2306	W 20010716

OTHER SOURCE(S): MARPAT 136:123393

AB Cosmetic or pharmaceutical solid comps. comprising an oily phase and a bis-acyl-amide RCONH-A-NHCOR' (R, R' = H, hydrocarbon chain; A = hydrocarbon chain) are claimed. A transparent cosmetic stick contained trans-N,N'-bis(dodecanoyl)-1,2-diaminocyclohexane 220 mg, and tridecyl trimellitate fatty ester 10 mL.

OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (10 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 22 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2001:792221 CAPLUS

DOCUMENT NUMBER: 135:348726

TITLE: Cholesterol ester clathrate, water-holding composition, hydroous compositions, cosmetics

containing the same, and process for the preparation thereof

INVENTOR(S): Hamano, Yohei; Nasu, Akio; Minami, Takashi; Miyazaki, Takayuki; Tomita, Noriko; Matsumoto, Takashi; Soyama, Yoshikazu; Ito, Kenzo; Matsuda, Hajime; Sumiyoshi, Hideyuki

PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan

SOURCE: U.S., 40 pp., Cont.-in-part of U.S. Ser. No. 779,633. CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6309653	B1	20011030	US 1999-229840	19990111
WO 9701356	A1	19970116	WO 1996-JP1815	19960701
W: AU, CA, KR, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
JP 09071596	A	19970318	JP 1996-191488	19960701
JP 3648330	B2	20050518		
JP 09208423	A	19970812	JP 1996-247289	19960828
PRIORITY APPLN. INFO.:			JP 1995-186154	A 19950629
			JP 1995-337870	A 19951130
			WO 1996-JP1815	W 19960701
			US 1997-779633	A2 19970227

## ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB A cholesterol ester clathrate comprising a cholesterol ester included in a hydroxyalkylated cyclodextrin is described. The clathrate exhibits an emulsifying effect. A hydrous cosmetic composition comprises a hydroxyalkylated cyclodextrin, a cholesterol ester, a hydrous stabilizer, a clay mineral, and water. The hydrous comps. are excellent in water-holding capacity and are improved in hydration properties and separation stability at a high temperature. For example, a cream composition was prepared from (A) an oil phase containing microcryst. wax 8.0,

solid

paraffin 2.0, beeswax 3.0, petrolatum 6.0, hydrogenated lanolin 5.0, squalane 30.0, hexadecyl adipate 3.0, glyceryl monooleate 3.5, and POE (20) sorbitol monooleate 1.0; (B) other bases containing an antiseptic, an antioxidant, and perfume; (C) a water base containing water 15.0, propylene glycol 5.0; and (D) a hydrate composition containing hydroxypropyl  $\beta$ -cyclodextrin 1.0, cholesteryl ester of macadamia nut oil fatty acids 3.5, squalane 2.0, sodium magnesium silicate 0.5, glycerin 1.5, and water 1.5 parts by weight, resp.

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 23 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2001:114951 CAPLUS

DOCUMENT NUMBER: 134:183271

TITLE: Aqueous pearly luster dispersions containing alkoxylated carboxylic acid esters for cosmetic applications

INVENTOR(S): Hensen, Hermann; Eggers, Anke; Nieendick, Claus

PATENT ASSIGNEE(S): Cognis Deutschland G.m.b.H., Germany  
 SOURCE: PCT Int. Appl., 38 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001010403	A1	20010215	WO 2000-EP7328	20000728
W: JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
DE 19937298	A1	20010222	DE 1999-19937298	19990806
EP 1200062	A1	20020502	EP 2000-948013	20000728
EP 1200062	B1	20050420		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY				
JP 2003506393	T	20030218	JP 2001-514924	20000728
ES 2240123	T3	20051016	ES 2000-948013	20000728
PRIORITY APPLN. INFO.:				
			DE 1999-19937298	A 19990806
			WO 2000-EP7328	W 20000728

OTHER SOURCE(S): MARPAT 134:183271

AB The invention relates to novel aqueous pearly luster concs. containing, in relation to the non-aqueous fraction: (a) 1 to 99 percent by weight of alkoxyated carboxylic acid ester, (b) 0 to 90 percent by weight of anionic, non-ionic, cationic, ampholytic and/or zwitterionic emulsifiers, (c) 1 to 50 percent by weight of pearly luster waxes in addition to (d) 0 to 40 percent by weight polyols, with the proviso that said proportions are complemented with other auxiliary agents and adjuvants to obtain 100 %.

The comps. may be used in cosmetics and shampoos.

OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (4 CITINGS)

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 24 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2000:725436 CAPLUS

DOCUMENT NUMBER: 133:301171

TITLE: Compositions and methods for improved delivery of ionizable hydrophobic therapeutic agents

INVENTOR(S): Chen, Feng-jing; Patel, Manesh V.

PATENT ASSIGNEE(S): Lipocine, Inc., USA

SOURCE: PCT Int. Appl., 99 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000059475	A1	20001012	WO 2000-US7342	20000316
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV,				

MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG,  
SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW  
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,  
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,  
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 6383471 B1 20020507 US 1999-287043 19990406  
CA 2366702 A1 20001012 CA 2000-2366702 20000316  
CA 2366702 C 20090526  
EP 1165048 A1 20020102 EP 2000-916547 20000316  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO

PRIORITY APPLN. INFO.: US 1999-287043 A 19990406  
WO 2000-US7342 W 20000316

## ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB The present invention is directed to a pharmaceutical composition including a hydrophobic therapeutic agent having at least one ionizable functional group, and a carrier. The carrier includes an ionizing agent capable of ionizing the functional group, a surfactant, and optionally solubilizers, triglycerides, and neutralizing agents. The invention further relates to a method of preparing such compns. by providing a composition of an ionizable hydrophobic therapeutic agent, an ionizing agent, and a surfactant, and neutralizing a portion of the ionizing agent with a neutralizing agent. The compns. of the invention are particularly suitable for use in oral dosage forms. A carrier containing concentrated phosphoric acid 0.025, Tween-20

0.3, Arlacel 186 0.2, sodium taurocholate 0.15, propylene glycol 0.3 g was formulated. Itraconazole was included in the carrier at 30 mg/mL for testing the stability of the itraconazole solution upon dilution in simulated gastric fluid.

OS.CITING REF COUNT: 51 THERE ARE 51 CAPLUS RECORDS THAT CITE THIS RECORD (51 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 25 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2000:107289 CAPLUS

DOCUMENT NUMBER: 132:127461

TITLE: Cosmetic compositions containing a retinoid with a histidine derivative

INVENTOR(S): Boussouira, Boudiaf

PATENT ASSIGNEE(S): Oreal S. A., Fr.

SOURCE: Fr. Demande, 20 pp.

CODEN: FRXXBL

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

## PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2779060	A1	19991203	FR 1998-6603	19980526
FR 2779060	B1	20030502		
EP 972511	A1	20000119	EP 1999-401133	19990507
EP 972511	B1	20030409		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
ES 2196737	T3	20031216	ES 1999-401133	19990507

BR 9901955 A 20000606 BR 1999-1955 19990513  
 JP 2000007560 A 20000111 JP 1999-144125 19990524  
 JP 3095741 B2 20001010  
 CA 2272840 A1 19991126 CA 1999-2272840 19990525  
 US 6358514 B1 20020319 US 1999-317859 19990525  
 PRIORITY APPLN. INFO.: FR 1998-6603 A 19980526  
 ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
 OTHER SOURCE(S): MARPAT 132:12/461  
 AB Cosmetic compns. containing a retinoid, such as vitamin A or its precursors,  
 with a histidine derivative are claimed. A cosmetic composition contained  
 cetyl  
 alc. 5, glyceryl stearate 3, P.E.G. 50 stearate 3, mineral oil 18.4,  
 caprylic/capric triglycerides 5, all-trans retinol 0.1,  
 histidine derivative 0.5, and water q.s. 100%.  
 OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD  
 (3 CITINGS)  
 REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 26 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 1998:438344 CAPLUS  
 DOCUMENT NUMBER: 129:99830  
 ORIGINAL REFERENCE NO.: 129:20459a,20462a  
 TITLE: Eyelash cosmetics with good safety, stability, and  
 lasting effect  
 INVENTOR(S): Okuyama, Masaki; Mizutani, Tomoki; Matsuo, Tsutomu;  
 Momose, Shigesada  
 PATENT ASSIGNEE(S): Kosei Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

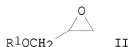
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10182357	A	19980707	JP 1996-358770	19961227

PRIORITY APPLN. INFO.: JP 1996-358770 19961227  
 AB The cosmetics contain (a) film-forming resins, (b) fructo-oligosaccharide  
 fatty acid esters, and (c) fluoro  
 compound-treated powders. A mascaras comprised rosin acid pentaerythritol  
 ester 10, poly(vinyl iso-Bu ether) 10, palmitic acid  
 dextrin ester, carnauba wax 2, fructo-oligosaccharide oleic acid  
 esters 5, organic modified bentonite 4, light liquid isoparaffin 48,  
 perfluoro polyether (FPF)-treated iron oxide black 6, and PFP-treated talc  
 14%.

L8 ANSWER 27 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 1997:56071 CAPLUS  
 DOCUMENT NUMBER: 126:89070  
 ORIGINAL REFERENCE NO.: 126:17198h,17199a  
 TITLE: Pentaerythritol branched alkyl ethers and their  
 preparation  
 INVENTOR(S): Hashizume, Naomichi; Kanya, Hiroshi; Kita, Katsumi  
 PATENT ASSIGNEE(S): Kao Corp, Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.

DOCUMENT TYPE: CODEN: JKXXAF  
 LANGUAGE: Patent  
 FAMILY ACC. NUM. COUNT: 1 Japanese  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08291098	A	19961105	JP 1995-98799	19950424
PRIORITY APPLN. INFO.: OTHER SOURCE(S):			JP 1995-98799	19950424
GI			MARPAT 126:89070	



AB R1OAOCH2C(CH2OH)3 [I; R1 = C16-24 alkyl which has 1-4 branched chain(s) selected from Me, Et, Pr, Bu; A = CH2CH(OH)CH2, CH(CH2OH)CH2], which show thermotropic liquid-crystal phase in aqueous dispersion and are useful as cosmetic bases, emulsifying agents, lubricants, etc., are prepared by treatment of glycidyl ethers II (R1 is the same as the above) with pentaerythritol (III). A composition containing palmitic acid 2, linoleic acid 8, octadecenoic acid 80, hexadecenoic acid 4, and stearic acid 1% was autoclaved with steam and H-mordenite zeolite and the resulting monomer acids were hydrogenated to give branched stearic acid having C1-3 alkyl groups as the side chains. The branched stearic acid was esterified with MeOH and the Me ester obtained was reduced to give branched stearyl alc., which was further treated with epichlorohydrin to give II (R1 = branched isostearyl) (IV). IV was added dropwise to previously dehydrated III over 1 h and the reaction mixture was stirred at 105° for 4 h to give 30% I (R1 = branched stearyl). An aqueous solution of this compound (5 weight%) was shaken for 1 min and let stand at room temperature for 5 min to show a liquid-crystal phase.

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L8 ANSWER 28 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1995:665223 CAPLUS  
 DOCUMENT NUMBER: 123:65573  
 ORIGINAL REFERENCE NO.: 123:11545a,11548a  
 TITLE: Cosmetic composition comprising kojic acid and an ultra-violet light absorbent

INVENTOR(S): Honda, Shinsuke  
 PATENT ASSIGNEE(S): Sansho Seiyaku Co. Ltd., Japan  
 SOURCE: Brit. UK Pat. Appl., 51 pp.

CODEN: BAXXDU  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:



PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 2283173	A	19950503	GB 1994-11992	19940615
JP 07126121	A	19950516	JP 1993-270970	19931028
JP 3661706	B2	20050622		
JP 07126122	A	19950516	JP 1993-270971	19931028
JP 3656197	B2	20050608		
JP 07126135	A	19950516	JP 1993-270972	19931028
JP 3661707	B2	20050622		
US 5637293	A	19970610	US 1994-238660	19940505
CN 1106658	A	19950816	CN 1994-106502	19940604
CN 1092516	C	20021016		
CN 1106659	A	19950816	CN 1994-106504	19940604
CN 1094350	C	20021120		
CN 1106660	A	19950816	CN 1994-106506	19940604
CN 1077429	C	20020109		
US 5750563	A	19980512	US 1995-538380	19951003

PRIORITY APPLN. INFO.:

JP 1993-270970	A	19931028
JP 1993-270971	A	19931028
JP 1993-270972	A	19931028
US 1994-238628	B1	19940505

## ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB Epidermal composition comprises: (I) kojic acid or a derivative (especially a glycoside)

thereof; (II) an ultra-violet light absorbent; (III) at least one of: (A) fatty acid esters (including esters of polyhydric alcs. and sugars); (B) fatty acid glycerides; (C) hydrocarbons; (D) lipids (especially glycerophospholipids, sphingophospholipids or sphingoglycolipids); (E) fat or oils; (F) alcs. (including polyhydric alcs. and the alkyl ethers thereof, and sugar alcs.); (G) polyphenols (especially catechin, esters of gallic acid, flavone or tannin). A cream contained kojic acid 1.00, oxybenzonesulfonic acid 0.5, diisopropyl adipate 2.00, iso-Pr myristate 3.00, polyoxyethylene cetyl ether 5.00, stearic acid 5.00, avocado oil 1.00, almond oil 10.00, Na DL-pyrrolidonecarboxylate 5.00, p-hydroxybenzoic acid ester 0.200, disodium edetate 0.01, and water q.s. 100.00.

OS.CITING REF COUNT: 11 THERE ARE 11 CAPLUS RECORDS THAT CITE THIS RECORD (15 CITINGS)

L8 ANSWER 29 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1986:39523 CAPLUS

DOCUMENT NUMBER: 104:39523

ORIGINAL REFERENCE NO.: 104:6387a,6390a

TITLE: Preparation of weakly acidic water-in-oil-in-water-type emulsion cosmetics

INVENTOR(S): Naito, Noboru; Munakata, Atsushi

PATENT ASSIGNEE(S): Kobayashi Kose Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 60166604	A	19850829	JP 1984-22555	19840209

PRIORITY APPLN. INFO.: JP 1984-22555 19840209  
 AB A stable, weakly acidic H2O/oil/H2O-type emulsion cosmetic is prepared containing hydrophobic surfactants, H2O, hydrophilic surfactants and N-long chain acylamino acid salts. Thus, an emulsified cosmetic cream consists of H2O 7.95, citric acid 0.1, Na citrate 0.3, stearic acid 2.5, squalane 7.0, white petrolatum 5.0, hydrogenated oil 3.0, cetanol 2.0, stearyl alc. 1.0, sorbitan sesquioleate 0.5, diglyceryl isostearate 1.0, glyceryl monostearate 1.0, polyoxyethylene hydrogenated castor oil 1.0, a perfume 0.3, polyoxyethylene sorbitan monooleate 0.3, Na N-stearoyl-L-glutamate 1.0, methylcellulose 0.1, 1,3-butylene glycol 10.0, glycerin 2.0, a preservative 0.1, and H2O to 100% by weight

L8 ANSWER 30 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 1983:545942 CAPLUS  
 DOCUMENT NUMBER: 99:145942  
 ORIGINAL REFERENCE NO.: 99:22323a,22326a  
 TITLE: Emulsions for cosmetics and topical pharmaceuticals  
 INVENTOR(S): Ohsawa, Shigemitsu; Amada, Iwao  
 PATENT ASSIGNEE(S): Eisai Co., Ltd., Japan  
 SOURCE: Eur. Pat. Appl., 31 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 84341	A2	19830727	EP 1983-100171	19830111
EP 84341	A3	19850410		
EP 84341	B1	19890419		
EP 84341	B2	19970514		
R: BE, CH, DE, FR, GB, IT, LI, NL, SE				
JP 58121209	A	19830719	JP 1982-1736	19820111
CA 1209922	A1	19860819	CA 1983-419137	19830110
PRIORITY APPLN. INFO.:			JP 1982-1736	A 19820111
AB An emulsion composition for topical pharmaceuticals or cosmetics contains lecithin and a polyhydric alc. fatty acid ester. The emulsion is stable and has a high affinity for the skin. Thus, an oil-in-water moisture cream was prepared containing squalene 7.0, C8-12 glyceride 15.0, stearic acid 3.0, cholesterol 0.5, partially hydrogenated egg yolk lecithin 5.0, sucrose stearate [37318-31-3] 2.0, glycerol monostearate [31566-31-1] 4.0, polypeptide oleate 0.5, Pr p-hydroxybenzoate 0.1, Me p-hydroxybenzoate 0.1, propylene glycol 8.0, perfume 0.1 and water 54.7 parts by weight. The cream was stable and had mild effects on the skin and was comfortable to use.				
OS.CITING REF COUNT: 3			THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)	

L8 ANSWER 31 OF 31 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 1979:462585 CAPLUS  
 DOCUMENT NUMBER: 91:62585  
 ORIGINAL REFERENCE NO.: 91:10043a,10046a  
 TITLE: Cosmetic waxes  
 INVENTOR(S): Mitsuda, Kenji; Hoga, Hirofumi  
 PATENT ASSIGNEE(S): Riken Vitamin Oil Co., Ltd., Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 3 pp.

DOCUMENT TYPE: CODEN: JKXXAF  
 LANGUAGE: Patent  
 FAMILY ACC. NUM. COUNT: 1 Japanese  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 54035220	A	19790315	JP 1977-100362	19770822

PRIORITY APPLN. INFO.:  
 AB Esters of fatty acids with polyhydric alcs.  
 and dibasic acids, useful as waxes in cosmetic formulations, are prepared  
 Thus, pentaerythritol 100, succinic acid 33, stearic acid 470,  
 and NaOH 13 parts are heated 1 h at 240-5°, and evaporated to give 6.5  
 parts of a polyester with m.p. 68.2°.

=> d his

(FILE 'HOME' ENTERED AT 09:26:33 ON 10 SEP 2010)

FILE 'REGISTRY' ENTERED AT 09:26:56 ON 10 SEP 2010  
 E 2,2-BISHYDROXYMETHYL-1,3-PROPANEDIOL/CN  
 E PENTAERYTHRITOL/CN  
 L1 1 S E3

FILE 'CAPLUS' ENTERED AT 09:28:56 ON 10 SEP 2010  
 L2 20 S L1 (L) (PARTIAL (2A) ESTER)  
 L3 13220 S L1  
 L4 276 S L3 (L) (COSMETIC? OR PHARMAC?)  
 L5 186 S L4 AND ESTER?  
 L6 108 S L5 AND (FATTY (A) ACID)  
 L7 31 S L6 AND (CAPROIC OR CAPRYLIC OR CAPRIC OR LAURIC OR MYRISTIC O  
 L8 31 S L7 NOT L2

=> s l7 and l1

13220 L1

L9 31 L7 AND L1

=> d his

(FILE 'HOME' ENTERED AT 09:26:33 ON 10 SEP 2010)

FILE 'REGISTRY' ENTERED AT 09:26:56 ON 10 SEP 2010  
 E 2,2-BISHYDROXYMETHYL-1,3-PROPANEDIOL/CN  
 E PENTAERYTHRITOL/CN  
 L1 1 S E3

FILE 'CAPLUS' ENTERED AT 09:28:56 ON 10 SEP 2010  
 L2 20 S L1 (L) (PARTIAL (2A) ESTER)  
 L3 13220 S L1  
 L4 276 S L3 (L) (COSMETIC? OR PHARMAC?)  
 L5 186 S L4 AND ESTER?  
 L6 108 S L5 AND (FATTY (A) ACID)  
 L7 31 S L6 AND (CAPROIC OR CAPRYLIC OR CAPRIC OR LAURIC OR MYRISTIC O  
 L8 31 S L7 NOT L2  
 L9 31 S L7 AND L1

Serial No.: 10/599682\_F

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

STN INTERNATIONAL LOGOFF AT 10:07:58 ON 10 SEP 2010